

Appln. No. 09/739,950

Attorney Docket No. 10541-1960

I. Amendments to the Claim

1. (Currently Amended) A turbulator with offset louvers for a heat exchanger comprising:

a plurality of corrugated fins each having a base extending laterally and longitudinally in a strip and a connecting member interconnecting said base and another one of said corrugated fins, said connecting member having a longitudinal length greater than a lateral width thereof and having a bend therein; and

a plurality of offset louvers spaced along said base and extending longitudinally in a direction generally parallel to a longitudinal axis of the strip and generally perpendicular to said base in an alternating manner, said offset louvers being rolled in a direction parallel to a longitudinal axis of said strip, fluid flowing through the turbulator flows through the louvers in the direction generally parallel to the longitudinal axis.

2. (Currently Amended) A turbulator with offset louvers for a heat exchanger comprising:

a plurality of corrugated fins each having a base extending laterally and longitudinally in a strip and a connecting member interconnecting said base and another one of said corrugated fins, said connecting member having a longitudinal length greater than a lateral width thereof and having a bend therein;

a plurality of offset louvers spaced along said base and extending longitudinally in a direction generally parallel to a longitudinal axis of the strip and generally perpendicular to said base in an alternating manner, said offset louvers being rolled in a direction parallel to a longitudinal axis of said strip; and

wherein said offset louvers extend longitudinally a predetermined distance, and fluid flowing through the turbulator flows through the louvers in the direction generally parallel to the longitudinal axis.

3. (Currently Amended) A turbulator with offset louvers for a heat exchanger comprising:

a plurality of corrugated fins each having a base extending laterally and longitudinally in a strip and a connecting member interconnecting said base and

-2-

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Appln. No. 09/739,950

Attorney Docket No. 10541-1960

another one of said corrugated fins, said connecting member having a longitudinal length greater than a lateral width thereof and having a bend therein;

a plurality of offset louvers spaced along said base and extending longitudinally in a direction generally parallel to a longitudinal axis of the strip and generally perpendicular to said base in an alternating manner, said offset louvers being rolled in a direction parallel to a longitudinal axis of said strip; and

wherein said offset louvers are spaced laterally a predetermined distance along said base, and fluid flowing through the turbulator flows through the louvers in the direction generally parallel to the longitudinal axis.

4. (Currently Amended) A turbulator with offset louvers for a heat exchanger comprising:

a plurality of corrugated fins each having a base extending laterally and longitudinally in a strip and a connecting member interconnecting said base and another one of said corrugated fins, said connecting member having a longitudinal length greater than a lateral width thereof and having a bend therein;

a plurality of offset louvers spaced along said base and extending longitudinally in a direction generally parallel to a longitudinal axis of the strip and generally perpendicular to said base in an alternating manner, said offset louvers being rolled in a direction parallel to a longitudinal axis of said strip; and

wherein said louvers extend generally perpendicular to said base a predetermined distance, and fluid flowing through the turbulator flows through the louvers in the direction generally parallel to the longitudinal axis.

5. (Currently Amended) A turbulator with offset louvers for a heat exchanger comprising:

a plurality of corrugated fins having a base extending laterally and in a strip and a connecting member interconnecting said base and another one of said corrugated fins, said connecting member having a longitudinal length greater than a lateral width thereof and having a bend therein;

a plurality of offset louvers spaced along said base and extending longitudinally in a direction generally parallel to a longitudinal axis of the strip and

Appln. No. 09/739,950

Attorney Docket No. 10541-1960

generally perpendicular to said base in an alternating manner, said offset louvers being rolled in a direction parallel to a longitudinal axis of said strip; and

wherein said offset louvers have a generally inverted "U" cross-sectional shape, and fluid flowing through the turbulator flows through the louvers in the direction generally parallel to the longitudinal axis.